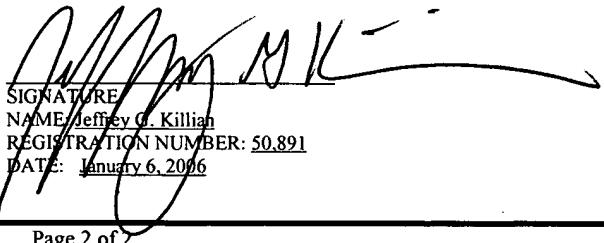


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY DOCKET NUMBER 47113-5025
		U.S. APPLICATION NO. <small>If known, see 37 CFR 1.5</small> NEW 0/563822
INTERNATIONAL APPLICATION NO. PCT/SE2004/001048	INTERNATIONAL FILING DATE June 29, 2004	PRIORITY DATE CLAIMED July 10, 2003
TITLE OF INVENTION AN ELECTRIC HEATING ELEMENT THAT INCLUDES A RADIANT TUBE		
APPLICANT(S) FOR DO/EO/US Thomas LEWIN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has not expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). <input checked="" type="checkbox"/> An oath or a declaration of the inventor(s) (35 U.S.C. 371 (c)(4)) (Unexecuted) <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included		
<ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input checked="" type="checkbox"/> A substitute specification. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. (Unexecuted) <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> (a) Comparison Document (b) PCT/IB/306 (c) PCT/ISA/210 dated September 30, 2004 (d) International Publication No. WO 2005/006812 		

U.S. APPLICATION (If known) see 37 CFR 1.5 M NEW 10/1563824		INTERNATIONAL APPLICATION NO. PCT/SE2004/001048	ATTORNEY DOCKET NUMBER 47113-5025																										
			Calculations	PTO use only																									
The following fees are submitted:																													
21. <input checked="" type="checkbox"/> Basic national Fee		\$300.00	\$300.00																										
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		\$100.00																											
All other situations		\$200.00	\$200.00																										
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100.00	\$400.00																										
International Search Report prepared and provided to the Office..... All other situations		\$400.00 \$500.00																											
		TOTAL OF 21, 22 and 23 =	\$900.00																										
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																													
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																										
14 - 100 =	0/50 =	0	× \$250.00																										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).																													
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>10 - 20 =</td> <td>0</td> <td>X \$50.00</td> <td>\$0.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>X \$200.00</td> <td>\$0.00</td> </tr> <tr> <td>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td></td> <td>+ \$360.00</td> <td>\$0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$900.00</td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	10 - 20 =	0	X \$50.00	\$0.00	Independent claims	1 - 3 =	0	X \$200.00	\$0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	TOTAL OF ABOVE CALCULATIONS =				\$900.00
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TOTAL OF ABOVE CALCULATIONS =				\$900.00																									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																													
SUBTOTAL = \$900.00																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).																													
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TOTAL NATIONAL FEE = \$900.00																													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																													
+ \$																													
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<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>					Amount to be refunded:	\$	Amount to be charged:	\$																					
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<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$900.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0573</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0573</u>.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																													
SEND ALL CORRESPONDENCE TO: CUSTOMER NO.: 055694																													
DRINKER BIDDLE & REATH LLP 1500 K Street, N.W., Suite 1100 Washington, D.C. 20005-1209 Tel: (202) 842-8800 Fax: (202)-204-0289																													
 SIGNATURE NAME: Jeffrey C. Killian REGISTRATION NUMBER: 50,891 DATE: January 6, 2006																													